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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/000,332	12/04/2001	Hirofumi Okamura	1248-0567P-SP	9777

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EXAMINER

BOUTAH, ALINA A

ART UNIT	PAPER NUMBER
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2143

DATE MAILED: 08/19/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

# Office Action Summary

Application No.

10/000,332

Applicant(s)

OKAMURA ET AL.

Examiner

Alina N Boutah

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

## Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

- 1) ☒ Responsive to communication(s) filed on 09 June 2005.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

## Disposition of Claims

- 4) ☒ Claim(s) 1-23 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-23 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

## Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

## Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_

## **DETAILED ACTION**

### ***Response to Amendment***

This action is in response to Applicant's amendment filed June 9, 2005. Claims 19-23 have been newly added. Accordingly, claims 1-23 are pending in the application.

### ***Specification***

A new title that clearly indicates the invention to which the claims are directed has been submitted. Therefore the objection is withdrawn.

### ***Claim Rejections - 35 USC § 103***

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claim 1-23 are rejected under 35 U.S.C. 103(a) as being unpatentable over US 2002/0002596 by Sugiarto et al. (hereinafter referred to as Sugiarto) in view of USPN 6,842,782 issued to Malik et al. (hereinafter referred to as Malik).

Regarding claim 1, Sugiarto teaches a database server accessible to/from a client via a network, comprising:

reception and transmission means for sending/receiving data to/from the client [0018];

data storage means having a client data storage region which stores client data corresponding to the client [figure 1; abstract; 0006; 0016, 0020; 0024: database storing client configuration file];

client data management means for managing the client data [abstract; 0006; 0020];

information collection condition set means for setting, when the client data is modified, an information collection condition for specifying such information data as to be required by the client in future based on the modification [0020-0022: configuration file]; and

although Sugiarto does not explicitly teach information data creation means for creating the information data by a search performed according to the information collection condition [0024; 0026], he teaches retrieving of web pages based on a list of URL's. it is well known in the art of computing that in order to retrieve something, it has to be searched.

Regarding claim 2, Sugiarto teaches the database server set forth in claim 1, wherein: the client is informed of the creation of the information data [0024; 0026].

Regarding claim 3, Sugiarto teaches the database server set forth in claim 1, wherein: the client is informed of the information collection condition [0024; 0026].

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Regarding claim 4, Sugiarto teaches the database server set forth in claim 1, wherein: the information collection condition set means is actuated upon access to/from the client [0020; 0025].

Regarding claim 5, Sugiarto teaches the database server set forth in claim 1, wherein: the information collection condition set means modifies the information collection condition based on client's instructions [0020-0022].

Regarding claim 6, Malik teaches the database server set forth in claim 1, wherein: the information collection condition set means sets the information collection condition with reference to a keyword table which corresponds to an attribute of the client data (col. 9, lines 16-28).

Regarding claim 7, Sugiarto teaches the database server set forth in claim 1, wherein: the information collection condition set means sets the information collection condition based on a network address which corresponds to an attribute of the modified client data [0025].

Regarding claim 8, Malik teaches the database server set forth in claim 1, wherein: the information collection condition set means sets the information collection condition by using a record of information data collection performed in the past (abstract).

Regarding claim 9, Sugiarto teaches the database server set forth in claim 1, wherein: the information data creation means searches the data storage means [0024 and 0026].

Regarding claim 10, Sugiarto teaches the database server set forth in claim 1, wherein: the information data creation means stores in the data storage means the created information data in association with the client data [0020].

Regarding claim 11, Sugiarto teaches the database server set forth in claim 1, wherein: the information data creation means causes the created information data to include presentation format control data which controls a format in which the client data is presented by the client [abstract; 0006; 0020].

Regarding claim 12, Sugiarto teaches the database server set forth in Claim 1, wherein: the client data management means modifies the client data based on an instruction given from a different server capable of accessing the network [0020; 0023].

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Regarding claim 13, Sugiarto teaches the database server set forth in claim 1, wherein: the information collection condition set means sets the information collection condition by using separate client information [0020].

Regarding claim 14, Malik teaches the database server set forth in claim 13, wherein: the separate client information includes information on use status of the information data created by the information creation means in the past (Abstract).

Regarding claim 15, Sugiarto teaches a database server accessible to/from a client via a network, comprising:

reception and transmission means for sending/receiving data to/from the client [0018];

data storage means having a client data storage region which stores client data corresponding to the client [figure 1; abstract; 0006; 0016, 0020; 0024];

information collection condition set means for detecting a data modification in the client data storage region and setting an information collection condition for specifying such information data as to be required by the client in future based on results of the detection [0020-0022]; and

information data creation means for creating the information data by a search performed according to the information collection condition [0024; 0026].

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Regarding claim 16, Sugiarto teaches a server-executable information management program, comprising the steps of:

detecting a modification in such client data corresponding to each client that is under management of the server [0020];

setting an information collection condition for specifying such information data as to be required by the client in future based on the modification [0020-0022]; and

creating the information data by a search performed according to the information collection condition [0024; 0026].

Regarding claim 17, Sugiarto teaches a computer-readable recording medium in which the information management program of claim 16 is recorded [figure 1; abstract; 0006; 0016, 0020; 0024].

Regarding claim 18, Sugiarto teaches an information management method which allows a server to manage information corresponding to each client, comprising the steps of:

detecting a data modification in a client data storage region, the client data corresponding to each client [0020];

setting an information collection condition for specifying such information data as to be required by the client in future based on the data modification thus detected [0020-0022]; and



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creating the information data by a search performed according to the information collection condition thus set [0024; 0026].

(New) Regarding claim 19, Sugiarto teaches a method of collecting information comprising the steps of:

storing client data [figure 1; abstract; 0006; 0016, 0020; 0024: database storing client configuration file];

setting an information collection condition [0020-0022];

collecting information based on the information collection condition [0020-0022: configuration file];

detecting a modification of the client data [0024];

changing the collection condition based on the detected modification [0020, 0024]; and

collecting information based on the changed information collection condition [0024].

However, Sugiarto fails to explicitly teach changing the collection condition automatically. Malik teaches this limitation in col. 26, lines 53-61. At the time the invention was made, one of ordinary skill in the art would have been motivated to automatically change information collection condition based on the detected modification in order to provide automated site navigation and manipulation for users.

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Claim 20 is similar to claim 1, therefore is rejected under the same rationale.

Regarding claim 21, Sugiarto teaches the database server as set forth in claim 1, wherein the information collection condition set means sets the information collection condition automatically upon modification of the client data [0024].

Regarding claim 22, Malik teaches the database sever as set forth in claim 1, wherein the information collection condition set means sets the information collection based on schedule data contained in the client data (col. 7, lines 5-24).

Regarding claim 23, Sugiarto teaches the database server as set forth in claim 1, wherein the information collection condition set means sets the information collection condition based on position information stored in the client data [0031].

### ***Response to Arguments***

Applicant's arguments have been fully considered and are persuasive. Therefore, the rejection has been withdrawn. However, upon further consideration, a new ground(s) of rejection is made.

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***Conclusion***

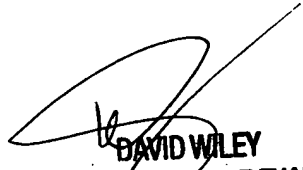
Any inquiry concerning this communication or earlier communications from the examiner should be directed to Alina N. Boutah whose telephone number is 571-272-3908. The examiner can normally be reached on Monday-Friday (9:00 am - 5:00 pm).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David A. Wiley can be reached on 571-272-3923. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

*ANB*

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